$C_{i}$ ١. f()

Please type a plus sign (+) inside this box -

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## UTILITY **PATENT APPLICATION TRANSMITTAL**

Attorney Docket No.	267665.0014		
First Inventor	Michael S. Terretta		
	Authentication System		
	O. ET029646161 US		

PTO/SB/05 (11-00) Approved for use through 10/31/2002. OMB 0651-0032

APPLICATION ELEMENTS  APPLICATION ELEMENTS  APPLICATION ELEMENTS  APPLICATION ELEMENTS  ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231  7.	(Only for new nonprovision	nal applications under 37 CFR 1.53(b))	Express Mail Label No. ETO29646161 US
Total Pages   Transmittal Form (e.g., PTO/SB/17)   Total Pages   Applicant claims small entity status.   September of the prevention   Specification   Total Pages   Zol   Statement Regarding Fed sponsored R & D   Reference to sequence Isting, a table, or a computer program Isting, a table, or a computer program Isting, a table, or a computer program Isting appendix   Beackground of the Invention   Brief Description   Total Pages   Zol   Statement (Brief Summary of the Invention   Total Pages   Zol   Statement (Brief Summary of the Invention   Total Pages   Zol   Specification Sequence (Summary of the Invention   Total Pages   Zol   Statement (Brief Summary of the Invention   Total Pages   Zol   Statement (Brief Summary of the Invention   Total Pages   Zol   Statement (Brief Summary of the Invention   Total Pages   Zol   Statement (Brief Summary of the Invention   Total Pages   Zol   Statement (Brief Summary of the Invention   Total Pages   Zol   Statement (Brief Summary of the Invention   Total Pages   Zol   Statement (Brief Summary of the Invention   Zo			LADDDECC TO.
1. Season an original and adjustical for the processing)  2. Applicant claims small entity status. See 37 CFR 1.27. 3. Specification  Descriptive title of the invention  Cross Reference to Related Applications  Statement Reparating Fed sponsored R & D  Reference to sequence listing, a table, or a computer program listing appendix  Background of the Invention  Brief Description of the Drawings (if filed)  Delating Description  Claim(a)  Drawing(s) (35 U.S.C. 113) [ Total Sheets	See MPEP chapter 600 con	ceming utility patent application contents.	Washington, DC 20231
Applicant claims small entity status.  Sepedification  Specification  Descriptive title of the invention  Cross Reference to Related Applications  Statement Regarding Fed sponsored R & D  Reference to Sequence Isiting, a table, or a computer program Isiting appendix.  Background of the Invention  Brief Description of the Drawings (if filed)  Detailed Description  Claim(s)  Abstract of the Disclosure  Mendy presented (original or copy)  Detailed Description  A Sequence (Indignal or copy)  Detailed Description (Indignal or copy)			
3. Specification   Cross Reference to Related Applications			8. Nucleotide and/or Amino Acid Sequence Submission
- Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4. ☑ Drawing(s) (35 U.S.C. 113)	<ol><li>preferred arrangement</li></ol>	nt set forth below)	Computer Boodeble Form (CRE)
- Statement Regarding Fed sponsored R & D - Reference to sequence listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [ Total Sheets			<ul> <li>b. Specification Sequence Listing on:</li> </ul>
or a computer program listing appendix  - Background of the Invention  - Brief Description of the Drawings (if filed)  - Detailed Description  - Claim(s)  - Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113)	- Statement Reg	arding Fed sponsored R & D	i. CD-ROM or CD-R (2 copies); or
Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure  Travelland Statement Papers (cover sheet & document(s))  Towning(s) (35 U.S.C. 113) [Total Sheets			i i. 🔲 paper
- Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Claim(s) - Claim(s) - Abstract of the Disclosure  4.			c. Statements verifying identity of above copies
- Detailed Description - Claim(s) - Abstract of the Disclosure  4.  Drawing(s) (35 U.S.C. 113)    Total Sheets	- Brief Summary	of the Invention	ACCOMPANYING APPLICATION PARTS
- Claim(s) - Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [ Total Sheets			
- Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113)  [Total Sheets		ipuon	
5. Oath or Declaration  a. Newly consulted (original or copy)  b. Copy from a prior application (37 CFR 1.63 (d))  b. (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-pan (CIP)  Prior application information:  Examiner  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  City  W: Itan  Request and Certification under 35 U.S.C. 122 (b)(2)(B)(B)(B)(B)(B)(Applicant must attach from PTO/SB/35 or its equivalent.  17. Other:  Continuation below and in a preliminary amendment, or in an Application Part which continuation or divisional application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  City  W: Itan  Request and Certificative mixed (MPEP 503)  Inferiorizing priority is daimed)  10. Request and Certificative mixed (MPEP 503)  Request and Certificative mixed (MPEP 503)  11.6. Request and Certificative mixed (MPEP 503)  12. City Continuation Divisional (MPEP 503)  13. Preliminary Amendment  14. Request and Certificative mix	` '	Disclosure	140
5. Oath or Declaration  a. Newly creatived (original or copy)  b. Copy from a prior application (37 CFR 1.63 (d))  b. Copy from a prior application (37 CFR 1.63 (d))  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Data Sheet under 37 CFR 1.76:  Continuation Town of Provisional Continuation-in-part (CIP)  Prior application information:  Examiner  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under 80s. 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation gan only be refled upon when a portion has been inedeventedly contined from the submitted application parts.  Customer Number or 8ar Code Label  (Inserticus Gas Continuation of Continuation of Continuation of Continuation of Continuation Discuss Delow  Name  Basam E. Nabuls:  Registration No. (Attorney/Agenti) 31, 445  Name (Printl Type)  Registration No. (Attorney/Agenti) 31, 445	4. Drawing(s) (35 L	J.S.C. 113) [Total Sheets ]	
a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) copy from a prior application (37 CFR 1.63 (d)) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Prior application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation—Part (CIP) Prior application information:  Examiner  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box Sb, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation gan only be relied upon when a portion has been inadvertently emitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  Customer Number or Bar Code Label  Customer Number or Bar Code Label  Inserticus (ST CFR 1.76)  Inserticus (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (Inserticus) (Inserticus) (Inserticus) (Inserticus)  Request and Certification under 35 U.S.C. 122 (Dolt) (Division Under 37 CFR 1.76:  To Continuation Under 37 CFR 1.76:  To Continuation Delvision under 35 U.S.C. 122 (Dolt) (Division Under 35 U.S.C. 122 (Dolt) (Division Under 35 U.S.C. 122 (Dolt) (Division Under 37 U.R.C. (Divisi			12   mornador bisdosure
b	a. 🕰 Newly exec	uted (original or copy)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or In an Application Data Sheet under 37 CFR 1.76:    Continuation   Divisional   Continuation-in-part (CIP)   Of peer application No.   Of peer application No.   Of peer application and is nereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS    Customer Numbor or Bar Code Label   Insertification under 35 U.S.C. 122 (b)(2)(B)(i), Applicant must attach form PTO/SB/35 or its equivalent.  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or line application below and in a preliminary amendment, or line application No.   Of peer applicati			14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or In an Application Data Sheet under 37 CFR 1.76:    Continuation   Divisional   Continuation-in-part (CIP)   Of peer application No.   Of peer application No.   Of peer application and is nereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS    Customer Numbor or Bar Code Label   Insertification under 35 U.S.C. 122 (b)(2)(B)(i), Applicant must attach form PTO/SB/35 or its equivalent.  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or line application below and in a preliminary amendment, or line application No.   Of peer applicati			15. Certified Copy of Priority Document(s) (if foreign priority is daimed)
1.63(d)(2) and 1.33(b).    (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.			
Application Data Sheet. See 37 CFR 1.76  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) of puter application No. 60 192, 166  Prior application information:  Examiner Group An Unit Group An Unit For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 55, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  Customer Number or Bar Code Label (Insert(Customer/No.or/Attach(bar)code/label/berg))  Or Correspondence address below  Name  Basan F. Nabals;  City State CT Zip Code 06997  Country Fax Zo3-Hz-08/1  Name (PrintlType) Basan F. Nabals;  Registration No. (Attorney/Agent) 31, 645	1.63(d)(2)	and 1.33(b).	(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or In an Application Data Sheet under 37 CFR 1.76:    Continuation	6. Application Data	Sheet. See 37 CFR 1.76	
Continuation Divisional Continuation-in-part (CIP) of paier application No. 60 192,166  Prior application information: Examiner Group Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  Customer Number or Bar Code Label  (insert Customer No. or Attachloar code (abelibre))  Name  Basam F. Nabals:  City State CT Zip Code 06897  Country  Name (Printl Type)  Basam F. Nabals:  Registration No. (Attorney/Agent) 31, 645	18. If a CONTINUING APPL	ICATION, check appropriate box, and sup	oply the requisite information below and in a preliminary amendment,
Prior application information:  Examiner	or in an Application Data Sh	eet under 37 CFR 1.76:	provisional
Prior application information:  Examiner	Continuation	Divisional Continuation-in-part (CIP)	of prior application No.: 60, 192, 166
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  Customer Number or Bar Code Label  (InsertiGustomer/No or Attachibar code labelihere)  Name  Basam E. Nabals:  113 Charter Oak Drive  Address  City  City  U:Itan  State  CT  Zip Code  06897  Country  Name (Printl Type)  Basam E. Nabals:  Registration No. (Attorney/Agent) 31, 645	Prior application information:	Examiner	
The incorporation can only be relied upon when a portion has been inadvertently omlitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  Customer Number or Bar Code Label  (Insert) Gustomer No. or Attachibar code (label/bars)  Name  Basam E. Nabals:  Address  City  City  U:/fon  State  Telephone  Telephone  Telephone  Telephone  Registration No. (Attorney/Agent)  71, 645			
Customer Number or Bar Code Label    Customer Number or Bar Code Label   Correspondence address below			
Customer Number or Bar Code Label  (Inserti Gustomer No. or Attach (bar code (abolithers))  Name    Basam E. Nabals:   113 Charter Oak Drive     Address   City   Wilton   State   CT   Zip Code   0689 7     Country   USA   Telephone   203-742-8496   Fax   203-742-0816     Name (Printl Type)   Basam E. Nabals:   Registration No. (Attorney/Agent)   31,645	The incorporation can only be	· · · · · · · · · · · · · · · · · · ·	
Name    Basam E. Nabuls:   113 Charter Oak Drive		15. CORRESPORE	THOU ADDIESS
Address  City  W: Itan  State  CT  Zip Code  06897  Country  USA  Telephone  203-762-8496  Fax 203-762-081  Name (Printl Type)  Basam E. Nahulsi  Registration No. (Attorney/Agent)  31,645	Customer Number or Bar C	ode Label (Inseri Gustomer No. or Attach t	arrcode labelibere) or Carrespondence address below
Address  City  W: Itan  State  CT  Zip Code  06897  Country  USA  Telephone  203-762-8496  Fax 203-762-081  Name (Printl Type)  Basam E. Nahulsi  Registration No. (Attorney/Agent)  31,645	Name	Basan F 12h	le:
Address  City  W:/fon  State  CT  Zip Code  06897  Country  I SA  Telephone  703-762-8496  Fax 203-762-08/1  Registration No. (Attorney/Agent)  31,645			•
Country  USA  Telephone  703-742-8496  Fax 203-742-08)  Name (Printl Type)  Basan E. Nahulsi Registration No. (Attorneyl Agent)  31,645	Address		
Name (Printl Type)  Basam E. Nahulsi Registration No. (Attorneyl Agent) 31, 645	City	Wilton	State CT Zip Code 06897
Name (Printl Type) Basam E. Nahulsi Registration No. (Attorneyl Agent) 31, 645	Country		lephone 203-762-8496 Fax 203-762-08,
	Name (PrintlType)		
		BINIS	Date 3/26/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



PTC/SB/17 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Palent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to a collection of information unless it displays a valid OMB control number.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF U.S. DEPARTMENT O

## FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL	AMOUNT	OF	PAYMEN
-------	--------	----	--------

(\$) 355.00

Complete if Known		
Application Number	TBD	
Filing Date	Concuseently Herewith	
First Named Inventor	Michael S. Terrette	
Examiner Name		
Group Art Unit	-	
Attorney Docket No.	267665.0014	

METHOD OF PAYMENT	FEE CALCULATION (continued)	
The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES	
indicated fees and credit any overpayments to:	Large Small	
Deposit: Account	Entity Entity Fee Fee Fee Fee Fee Description	Fee Paid
Number	Code (\$) Code (\$)	
Deposit Account	105 130 205 65 Surcharge - late filing lee or oath	
Name Charge Any Additional Fee Required	127 50 227 25 Surcharge - late provisional filing tee or cover sheet	
Under 37 CFR 1.16 and 1.17	139 130 139 130 Non-English specification	
Applicant cleims small entity status. See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexumination	
2. Payment Enclosed:	112 920° 112 920° Requesting publication of SIR prior to	
Check Credit card Money Other	Examiner action	
FEE CALCULATION	113 1,840° 113 1,840° Requesting publication of SIR after Examiner action	
	115 110 295 55 Extension for reply within first month	
1. BASIC FILING FEE Large Entity Small Entity	116 390 216 195 Extension for reply within second month	
Fee Fee Fee Fee Pee Description	117 890 217 445 Extension for reply within third month	
Code (\$) Code (3)	118 1,390 218 695 Extension for reply within fourth month	
101 710 201 355 Utility filing fee	128 1,890 228 945 Extension for reply within fifth month	
	119 310 219 155 Notice of Appeal	
107 490 297 245 Plant filing fee	120 310 220 155 Filing a brief in support of an appeal	
114 150 214 75 Provisional filing fee	121 270 221 135 Request for oral hearing	
	138 1,510 138 1,510 Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 355.00	140 110 240 55 Petition to revive - unavoidable	
2. EXTRA CLAIM FEES	141 1,240 241 620 Petition to revive - unintentional	
Extra Claims below Fee Paid		\- <u></u>
Total Claims -20** = X =	143 440 243 220 Design issue fee	
Independent . 3** = X = X	144 800 244 300 Plant issue fee	
Multiple Dependent	122 130 122 130 Petitions to the Commissioner	
	123 50 123 50 Processing fee under 37 CFR 1.17(4)	
Large Entity Small Entity Fee Fee Fee Fee Description	126 180 128 180 Submission of Information Disclosure Stret	
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)	
102 80 202 40 Independent claims in excess of 3	146 710 246 355 Filing a submission efter final rejection (37 CFR § 1.129(a))	
104 270 204 135 Multiple dependent claim, if not paid	149 710 249 355 For each additional invention to be	
109 80 209 40 "Reissue independent claims over original patent	examined (37 CFR § 1.129(0))	
110 18 210 9 ** Reissue claims in excess of 20		<u> </u>
and over original patent	169 900 169 900 Request for expedited examination of a design application	<b> </b>
SUBTOTAL (2) (\$)	Other (se (specify)	<u> </u>
300101742 (2)	Reduced by Basic Filing Fee Paid SUBTOTAL (3)	
*for number previously paid, if greater; For Relssues, see above		

SUBMITTED BY Complete (d applicable)				applicable)	
Name (Print/Type)	Basam E. Nobulsi	Registration No. (Attorney/Agent)	645	Telephone	203-762-8496
Signature	BCNobel			Date	3/26/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office. Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.